

BCM SCHOOL
A Senior Secondary School Affiliated to CBSE, New Delhi
Class VI (Mathematics) Syllabus 2020-21

Month	Unit	Skills	Inculcation	Activity[Integrated]	Learning outcome	Internal assessment
April- No. of periods - 15	Unit- 1 Knowing our Numbers	Calculation skills will be improved to use numbers in day to day life.	Use of Place value chart and understanding of number system.	Addition and multiplication facts using vedic rule	Importance of estimation and use of numbers in day to day life .	Weekly Test
No. of periods 15	Unit – 2 Whole Numbers	Understanding skill will be improved	Use of Educomp content + question bank	To show addition and multiplication of whole number is commutative(Using Ramanujan’s Kit)	Solving of problems related to day to day life	Periodic Test -1
May – No. of periods 16	Unit – 3 Playing with Numbers	Calculation skill will be improved to use divisibility test for large numbers	Use of Educomp content + question bank	To find Prime and Composite numbers by Sieve Method. To check divisibility of student’s date of birth by using divisibility tests.	To find factors ,multiples, H.C.F, L.C.M. and problems related to it .	Periodic Test -1
June	Summer vacation					
July - No. of periods 10	Unit -4 Basic Geometrical Ideas	Observation skills and drawing skills will be improved.	Clock ,real objects ,3-D shapes .	Using various mathematical shapes –Lippan and Mirror work ,Gujarat (Work Experience)	Identification of Angles, Directions , Line segments, Polygons , Curves , Etc	Periodic test -1

No. of periods 12	Unit- 5 Understanding Elementary Shapes	Construction skills will be improved	Use of EduComp content +Question Bank	Different angles through yoga asanas. (Yoga)	Identificattion of directions ,clock rotations	Class test
August No. of periods 10	Unit – 6 Integers	Calculation skills will be improved to use positive and negative integers	Use of EduComp content +Question Bank	To perform addition and subtraction of integers using two different coloured stickers	Addition and subtraction of integers	Revision test
No. of periods 16	Unit-7 Fractions	Calculation skills, understanding skills will be enhanced	Real objects Use of EduComcontent+ques tion bank.	To understand the concept of Proper and Equivalent fractions by paper folding.	Representation of fractions on number line . Addition and subtraction of fractions.	Revision test
September	Half Yearly Examination Unit 1,2,3,4,5,6,7					
October No. of periods 15	Unit 8 Decimals	Calculation skills will be improved to perform addition and subtraction of decimals .	Smart class + question bank.	To represent decimal numbers on 10×10 grid . To show addition of decimal numbers on 10×10 grid .	Comparison and Conversion of Decimal numbers.	Weekly Test
No. of periods 12	Unit 9 Data handling	Drawing skills and observation skills will be improved	Graphsheet and use of educomp content	Representation of the given data by pictograph using real objects To Show the result of elections using Bar Graph (Art Club)	To interpret data using graphs, tables ,charts, pictograph.	Periodic Test -2

November No. of periods 11	Unit 10 Mensuration	Calculation skills will be improved	Educomp content+ question bank	To find area and perimeter of square and rectangle using squared sheet .	Difference between area and perimeter and their use	Periodic Test -2
No. of periods 16	Unit -11 Algebra	Imagination and generalisation skills will be improved .	Educomp content	Creating patterns using mathematical concepts. (Art Club)	Basic operations of algebra and formation of expressions .	Periodic Test -2
December No. of periods 16	Unit -14 Practical Geometry	Construction skills	Use of geometrical instruments +question bank	To draw perpendicular bisector and angle bisector by paper folding.	Construction of angles , perpendicular, angle bisector	Revision test
No. of periods 12	Unit 12 Ratio and proportion	Calculation skills will be enhanced .	Use of Educomp content	To compare height and weight of two students using the concept of ratio. (Physical Education)	Comparison of ratios , unitary method	Class test
January No. of periods 10	Unit -13 Symmetry	Drawing skills	Mirror ,real object use of Educomp content	To identify the Lines of symmetry in different geometrical shapes using paper folding	Lines of symmetry of different geometrical figures ,objects ,alphabets ,mirror reflection ,etc.	Class Test
February	Revision					
March	Annual examination	Unit 8,9,10,11,12,13,14,6,7				